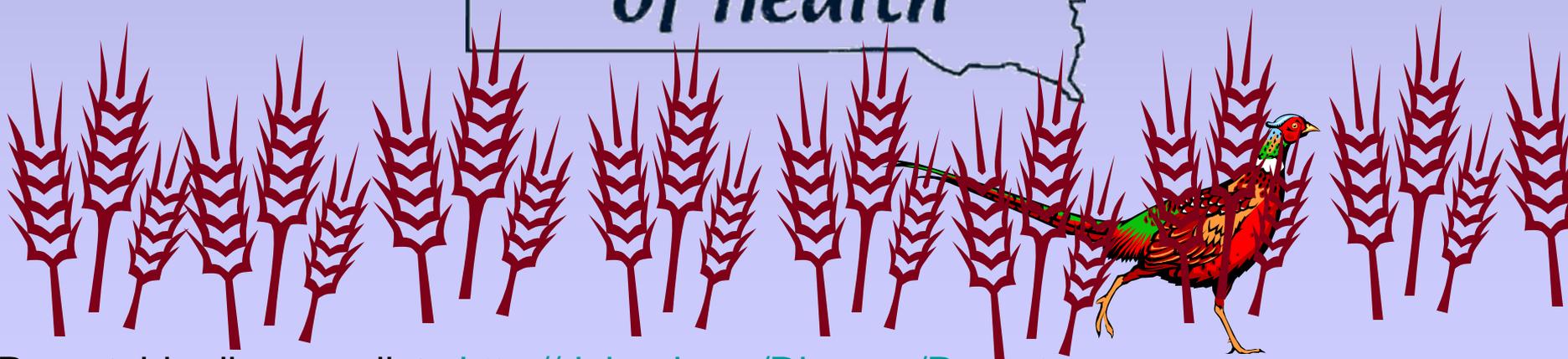


1 January – 30 April 2008

Provisional data

Monthly infectious disease summary report April 2008



Reportable diseases list: <http://doh.sd.gov/Disease/Report.aspx>

South Dakota Department of Health confidential disease reporting: 1-800-592-1804

1 January – 30 April 2008

Provisional data

South Dakota infectious disease summary

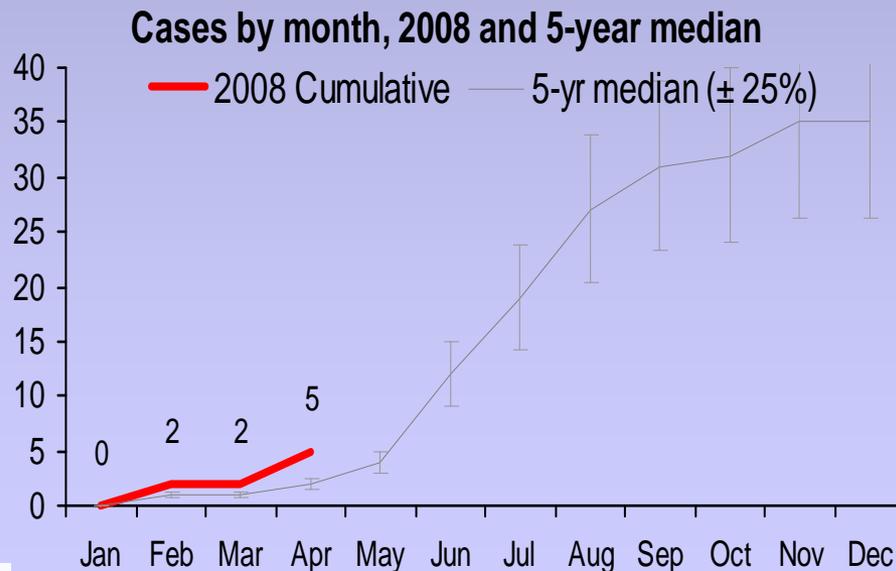
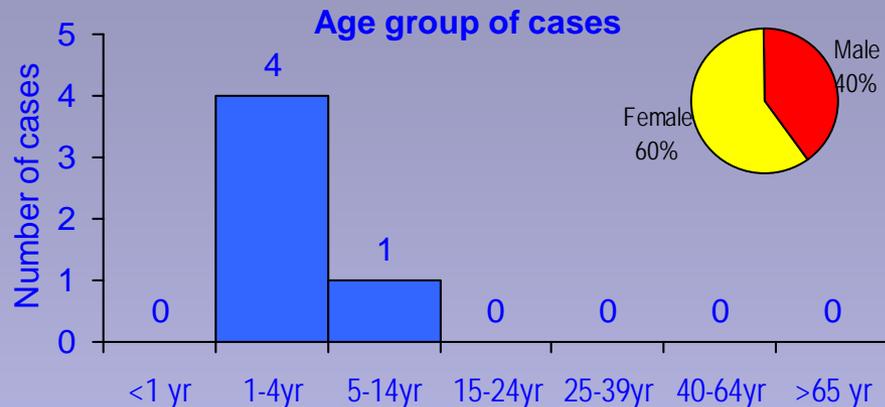
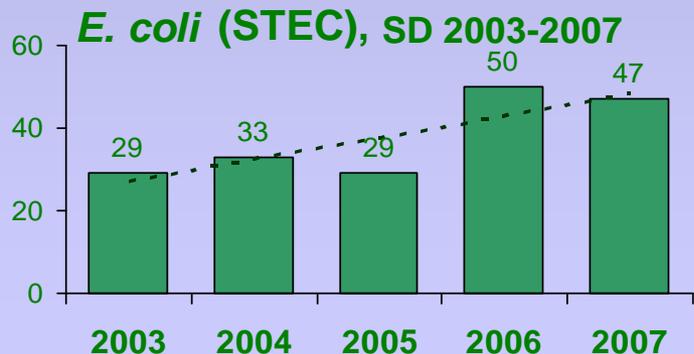
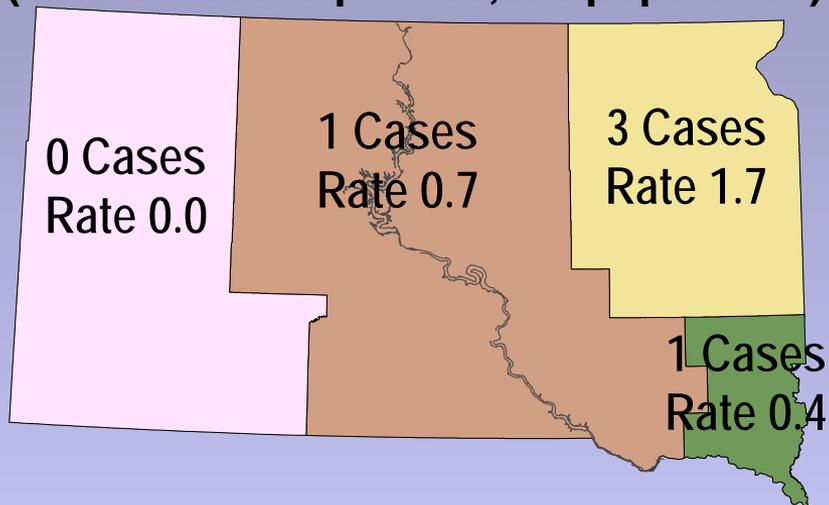
Diseases/Agent	Cases year-to-date	Rate (cases per 100,000 population)	5-yr median cases	Percent change
Campylobacter	47	6.0	34	+38%
Chlamydia	954	122.0	831	+15%
Cryptosporidiosis	16	2.0	9	+78%
E. coli, shiga toxin-producing	5	0.6	2	+150%
Giardiasis	18	2.3	19	-5%
Gonorrhea	86	11.0	95	-9%
HIV AIDS	17	2.2	8	+113%
Meningococcal, invasive	1	0.1	1	0%
MRSA	23	2.9	16	+44%
Pertussis	2	0.3	7	-71%
Rabies, animal	6	NA	27	-78%
Salmonella	25	3.2	31	-19%
Shigellosis	59	7.5	8	+638%
Strep A, invasive	10	1.3	8	+25%
Strep B, invasive	3	0.4	4	-25%
Tuberculosis	3	0.4	5	-40%

1 January – 30 April 2008

Provisional data

E. coli, shiga toxin-producing, South Dakota

E. coli, Shiga toxin-producing
South Dakota 5 Cases
(Rate 0.6 cases per 100,000 population)



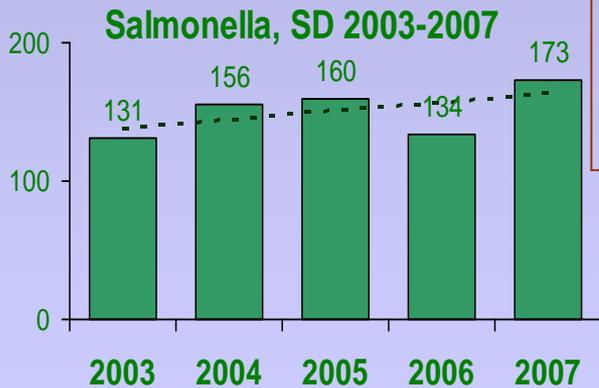
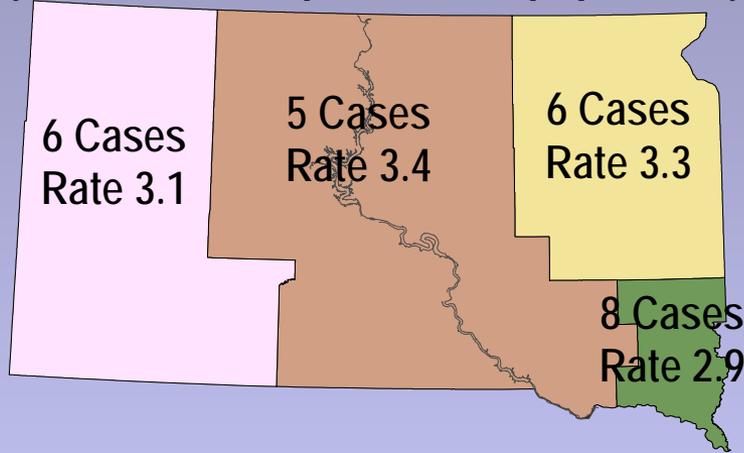
E. coli fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 April 2008

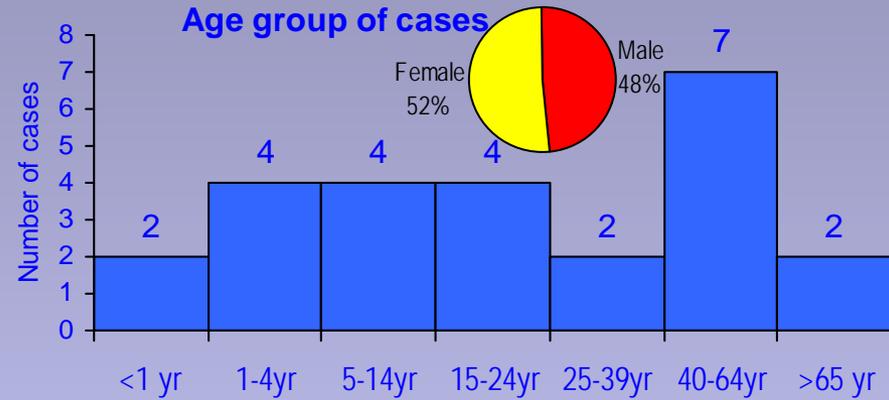
Provisional data

Salmonellosis, South Dakota

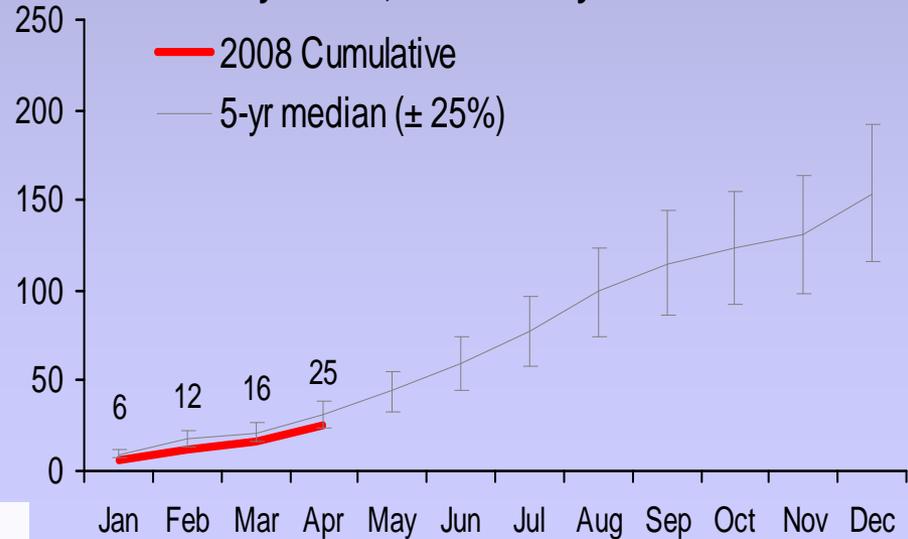
Salmonellosis
South Dakota 25 Cases
 (Rate 3.1 cases per 100,000 population)



Serotype (number)
 S. Enteritidis 6
 S. Typhimurium 4
 All other serotypes <3



Cases by month, 2008 and 5-year median



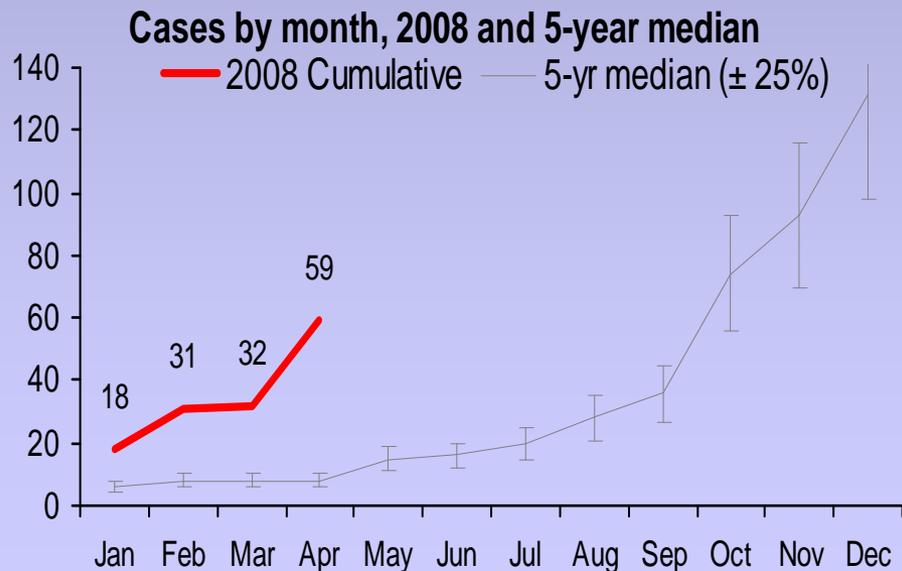
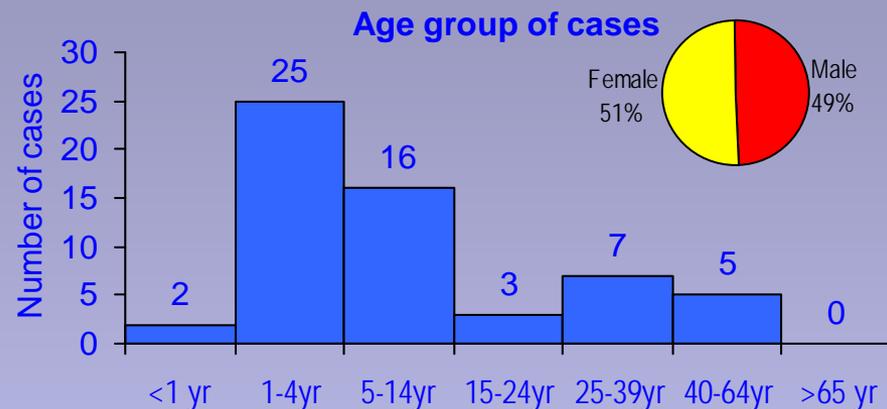
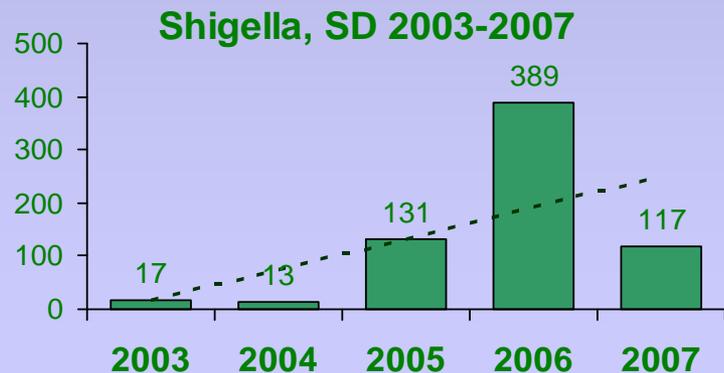
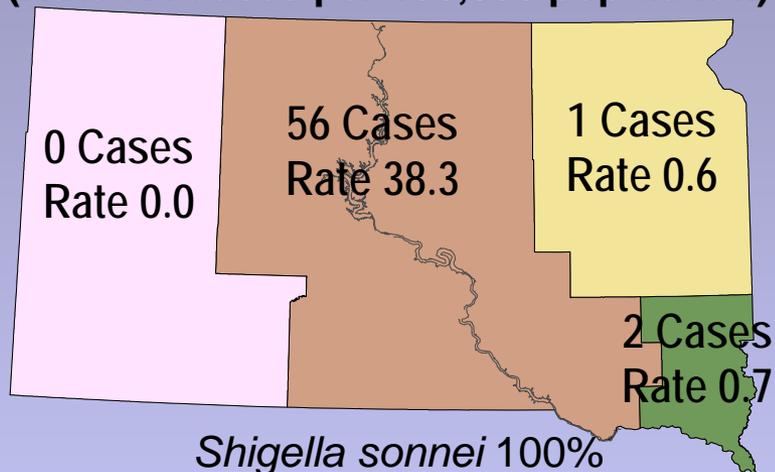
Salmonella fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 April 2008

Provisional data

Shigellosis, South Dakota

Shigellosis
South Dakota 59 Cases
 (Rate 7.4 cases per 100,000 population)



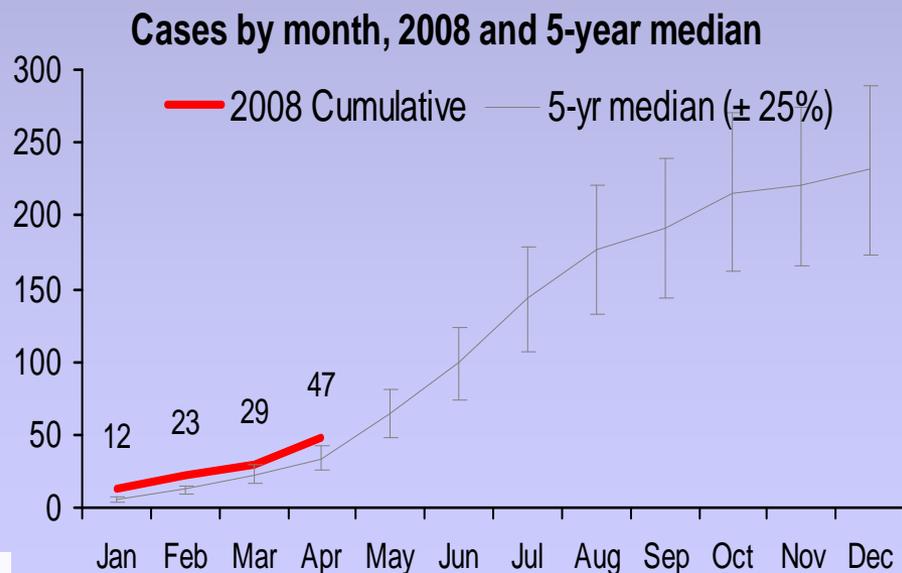
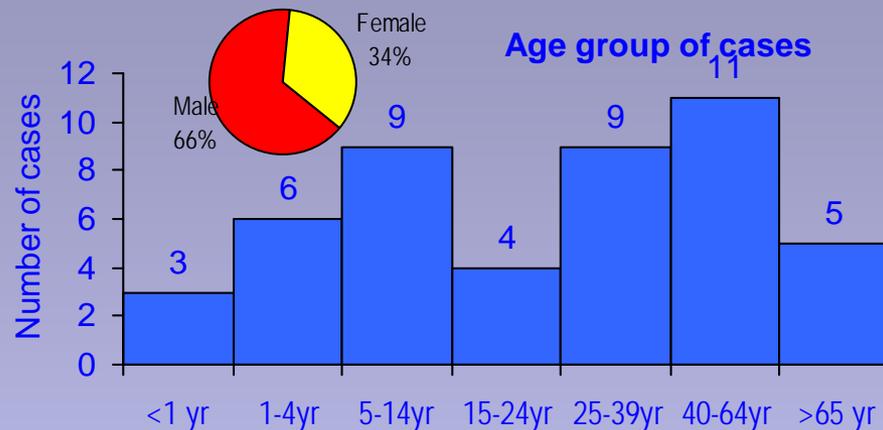
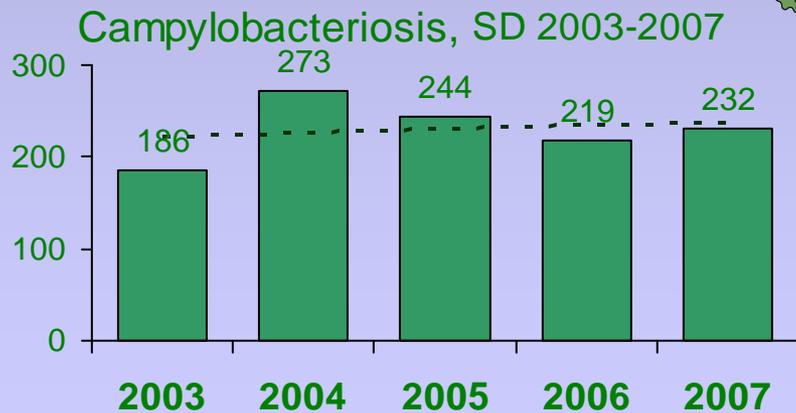
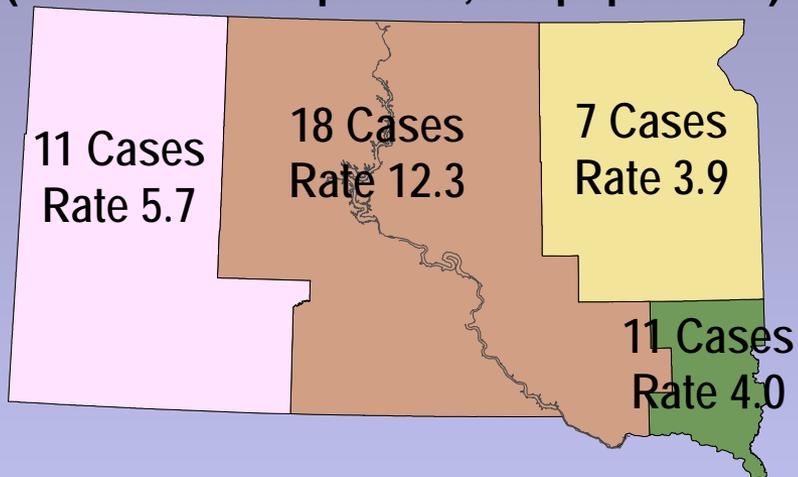
Shigella fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 April 2008

Provisional data

Campylobacteriosis, South Dakota

Campylobacter
South Dakota 47 Cases
(Rate 5.9 cases per 100,000 population)



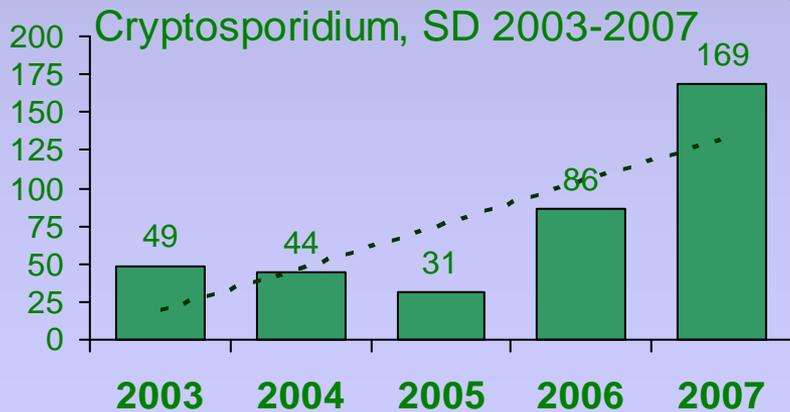
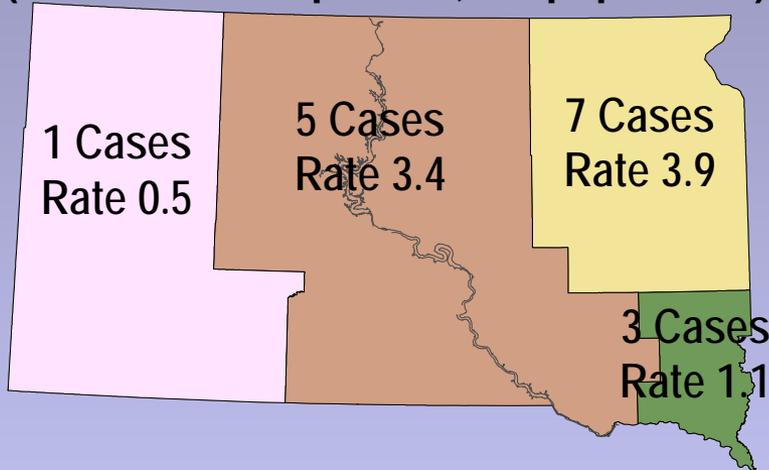
Campylobacter fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 April 2008

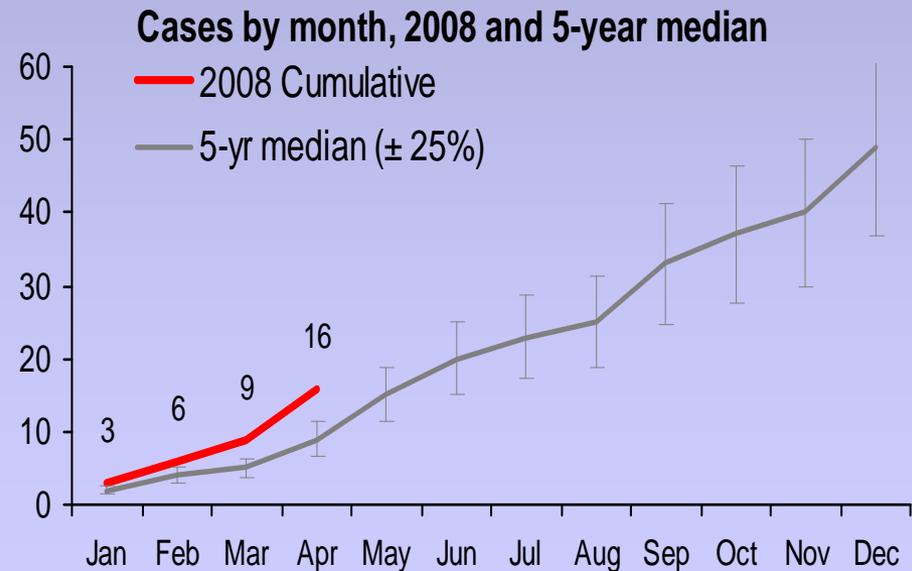
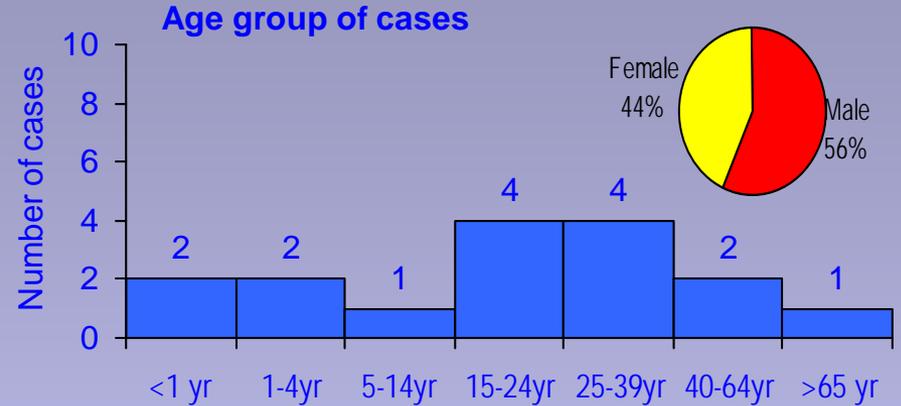
Provisional data

Cryptosporidiosis, South Dakota

Cryptosporidiosis
South Dakota 16 Cases
(Rate 2.0 cases per 100,000 population)



Cryptosporidiosis fact sheet:
<http://doh.sd.gov/diseasefacts>

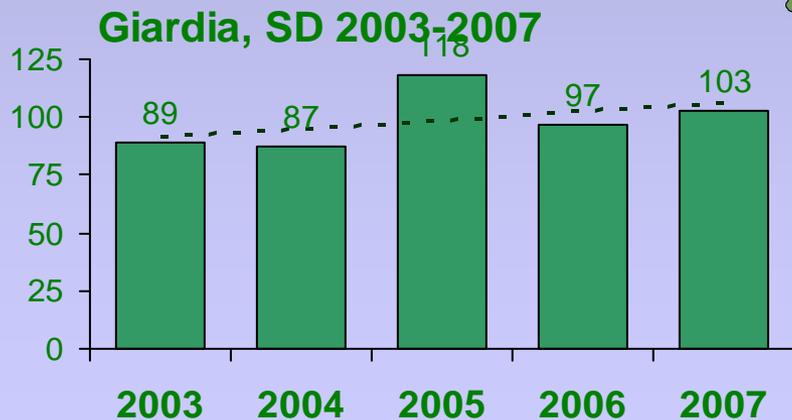
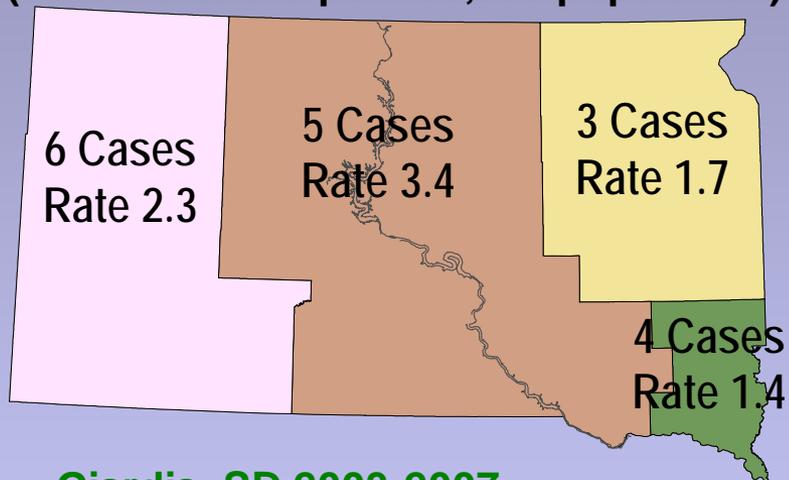


1 January – 30 April 2008

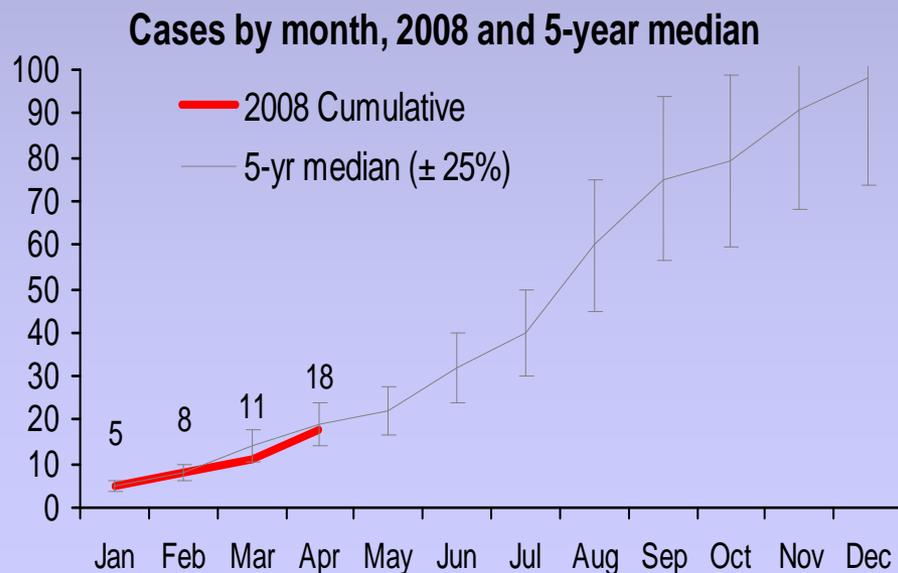
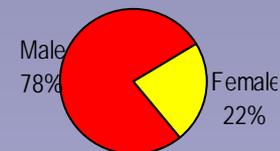
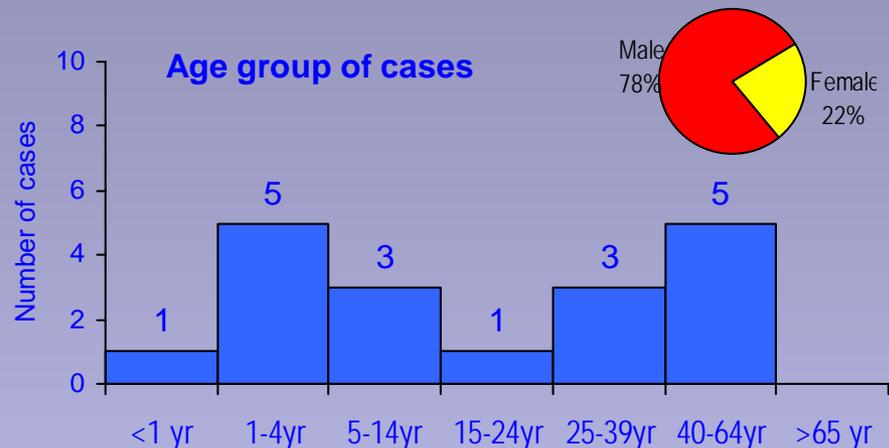
Provisional data

Giardiasis, South Dakota

Giardiasis
South Dakota 18 Cases
 (Rate 2.3 cases per 100,000 population)



Giardia fact sheet: <http://doh.sd.gov/diseasefacts>

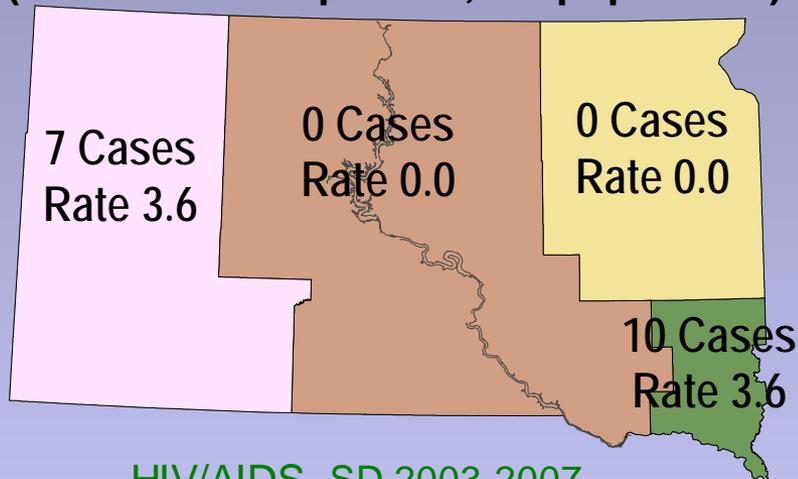


1 January – 30 April 2008

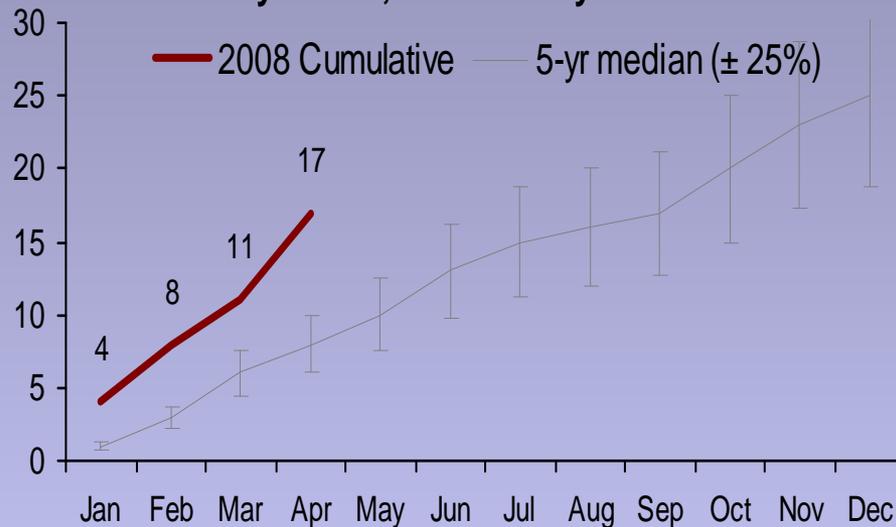
Provisional data

HIV/AIDS, South Dakota

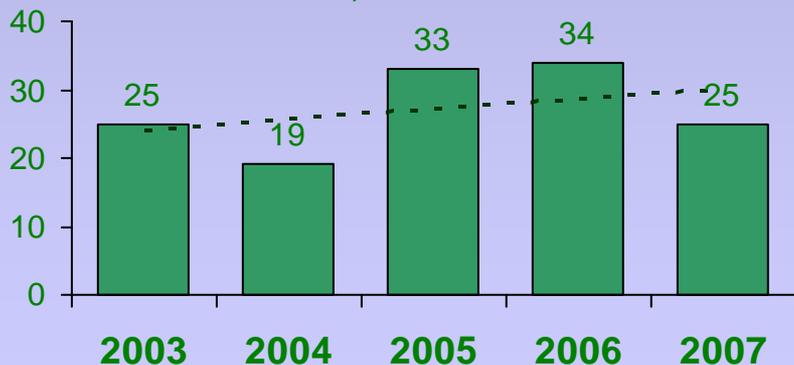
HIV / AIDS
South Dakota 17 Cases
(Rate 2.1 cases per 100,000 population)



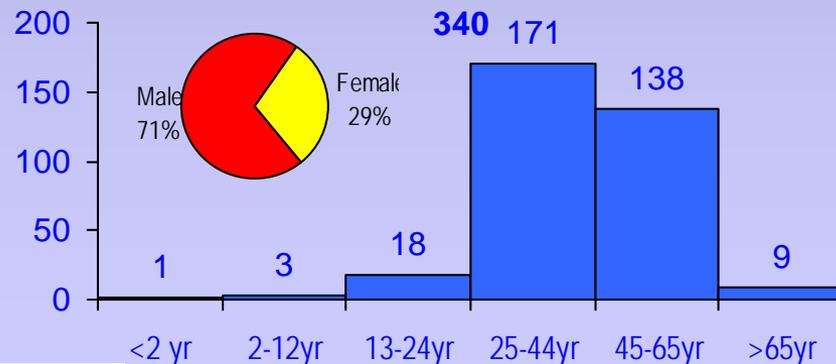
Cases by month, 2008 and 5-year median



HIV/AIDS, SD 2003-2007



Persons living with HIV/AIDS in SD, total



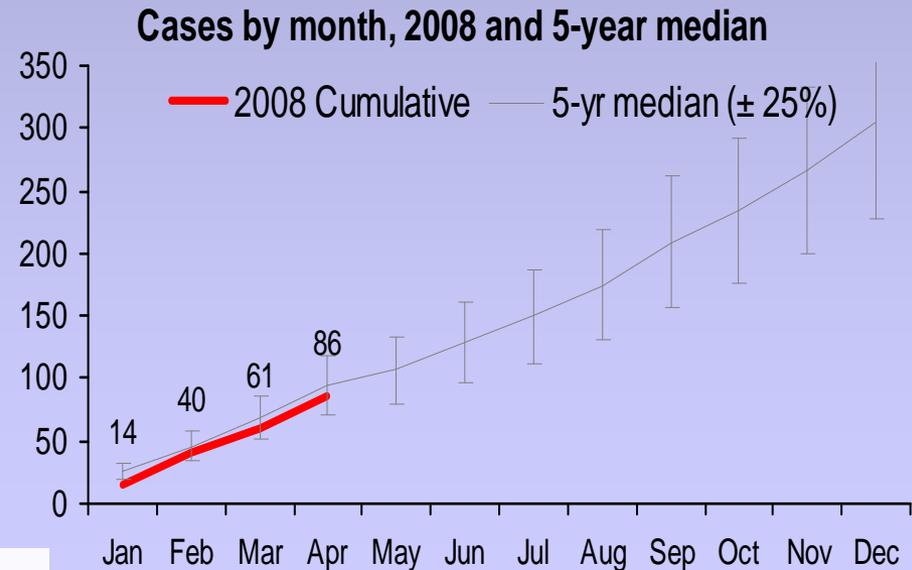
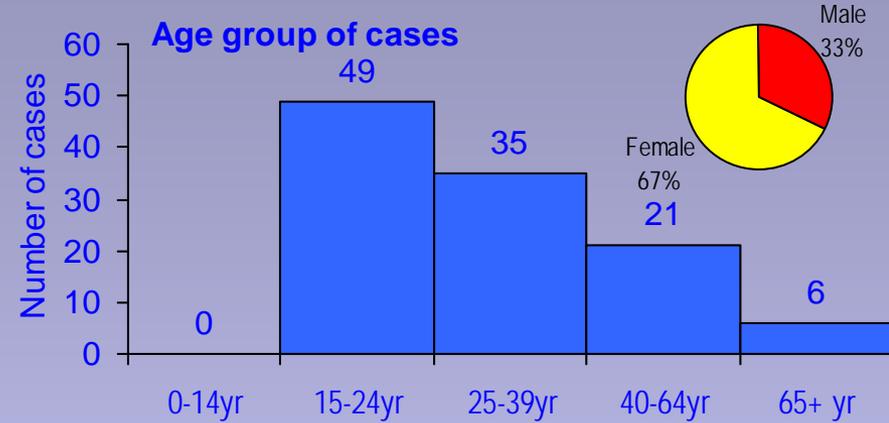
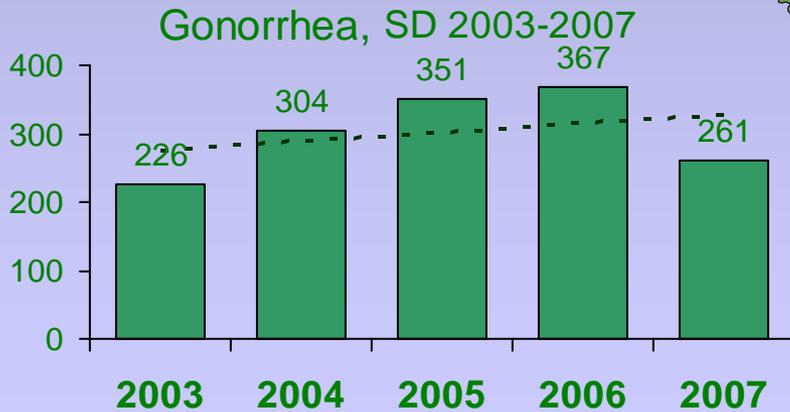
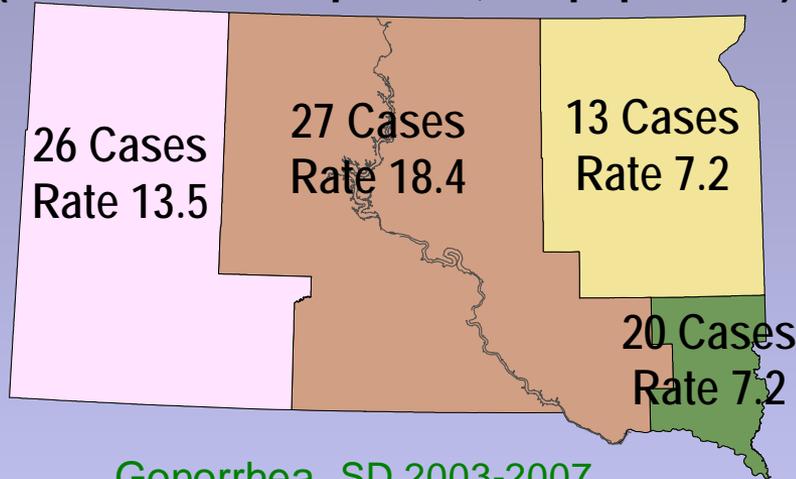
HIV/AIDS Surveillance : <http://doh.sd.gov/Disease/statistics.aspx>

1 January – 30 April 2008

Provisional data

Gonorrhea, South Dakota

Gonorrhea
South Dakota 86 Cases
 (Rate 10.8 cases per 100,000 population)



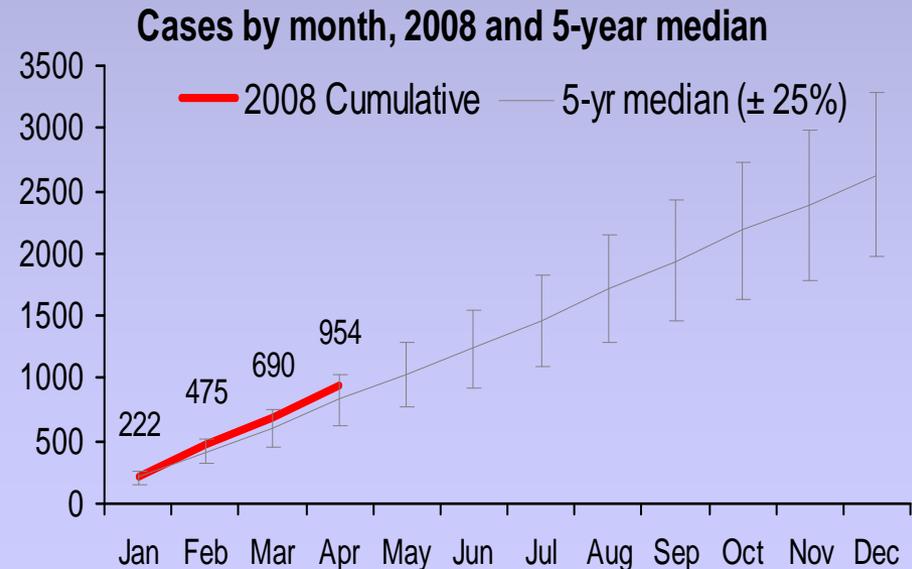
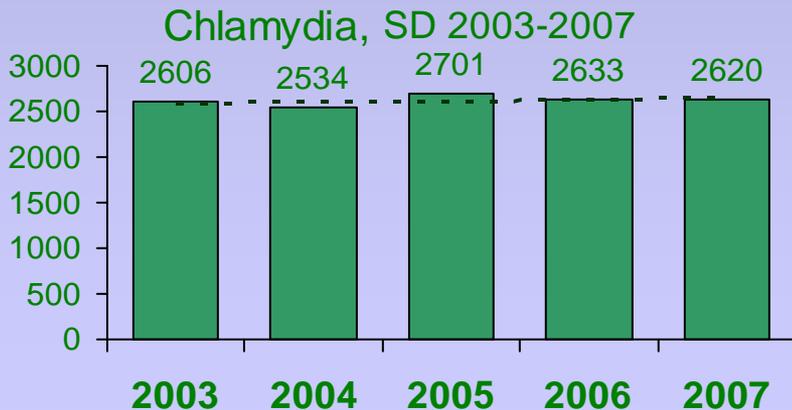
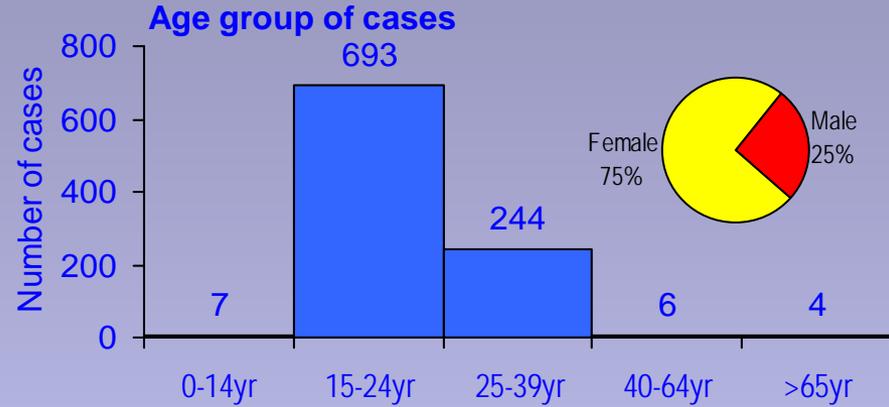
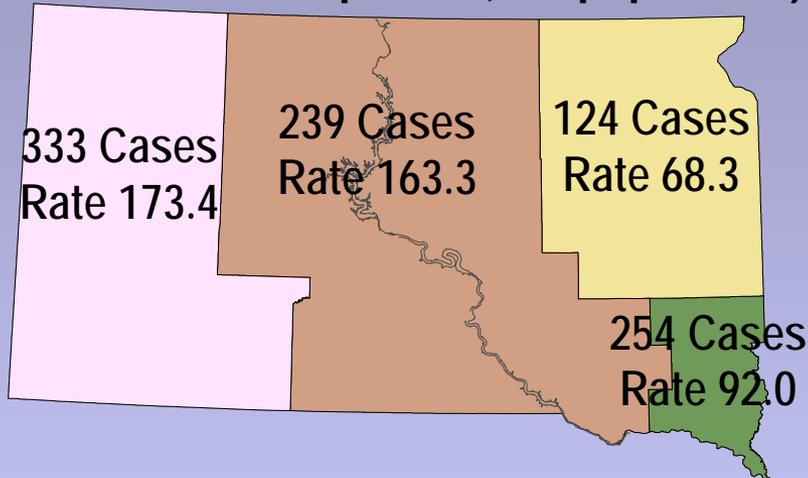
Gonorrhea fact sheet: <http://doh.sd.gov/diseasefacts>

1 January – 30 April 2008

Provisional data

Chlamydia, South Dakota

Chlamydia
South Dakota 950 Cases
 (Rate 119.3 cases per 100,000 population)



Chlamydia fact sheet: <http://doh.sd.gov/diseasefacts>

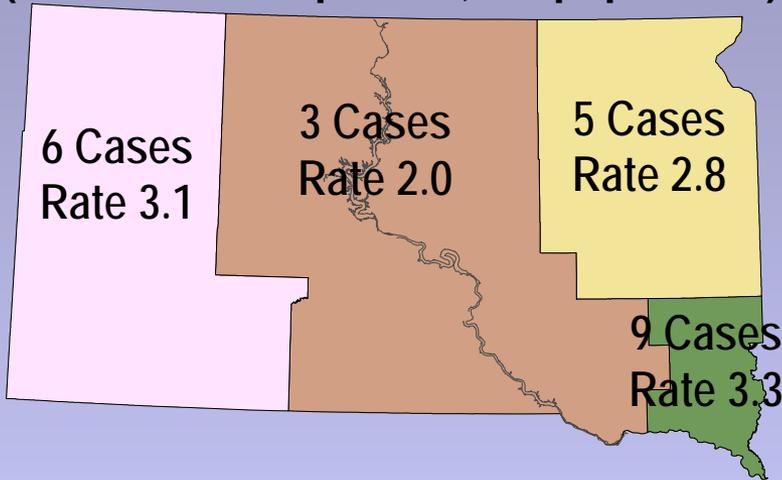
1 January – 30 April 2008

Provisional data

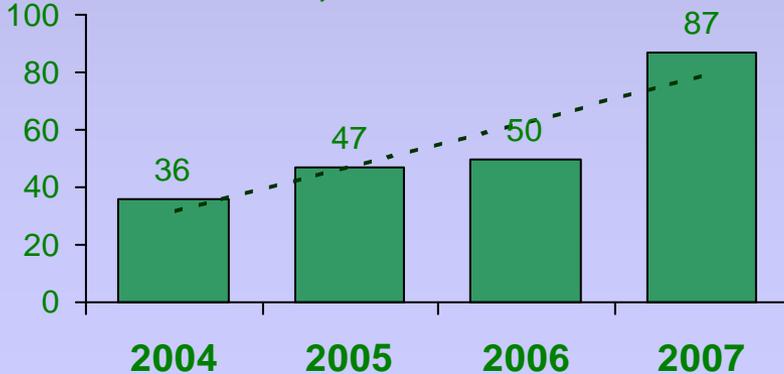
Invasive MRSA, South Dakota

(Invasive Methicillin-Resistant *Staphylococcus aureus*)

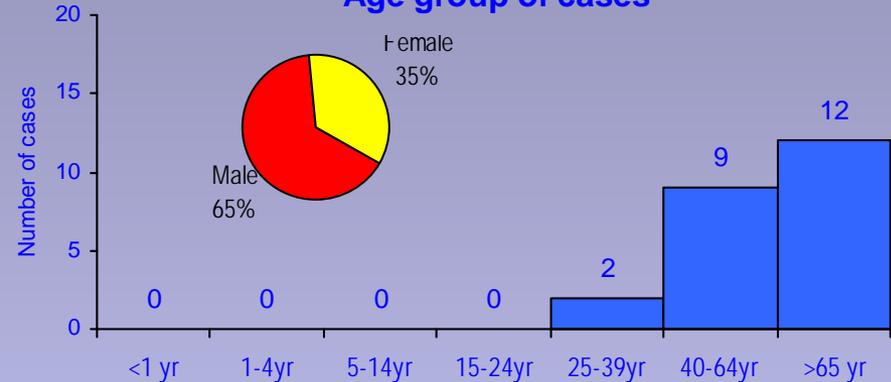
MRSA, Invasive
South Dakota 23 Cases
(Rate 2.9 cases per 100,000 population)



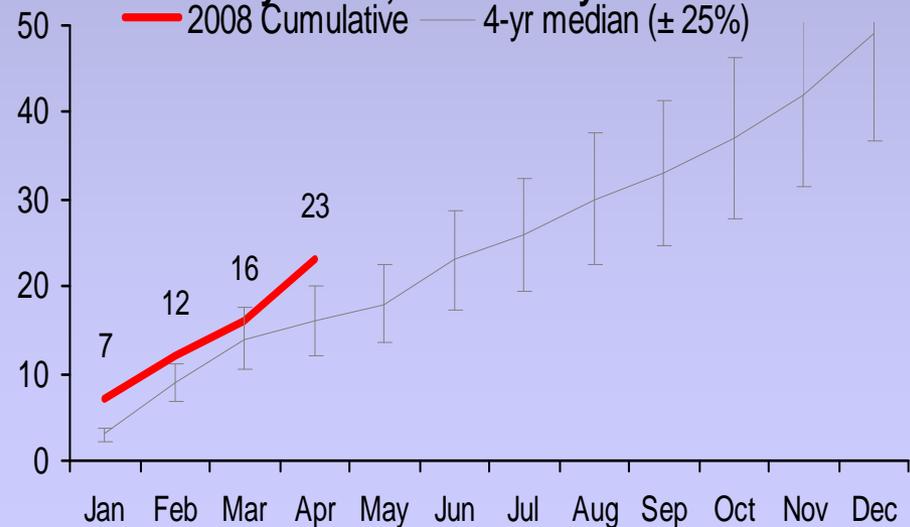
Invasive MRSA, SD 2004-2007



Age group of cases



Cases by month, 2008 and 4-year median

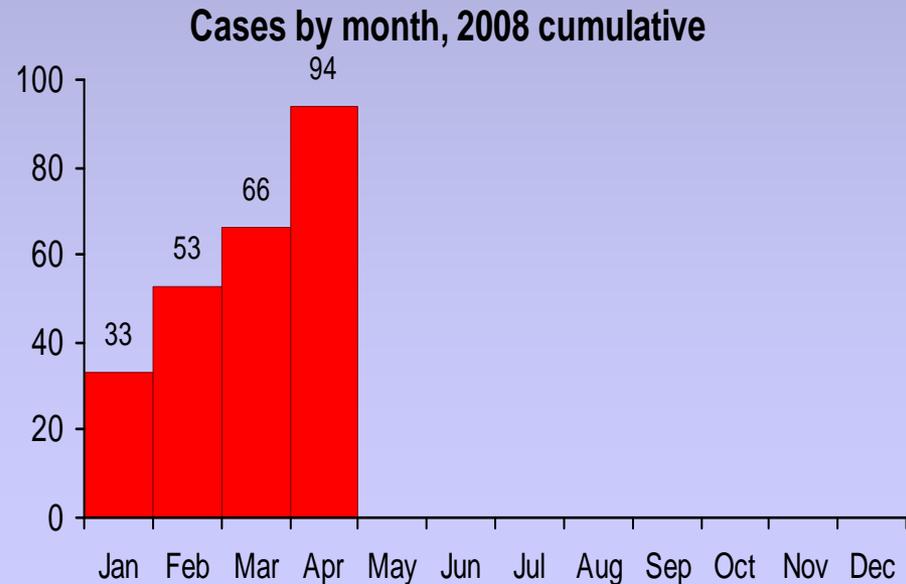
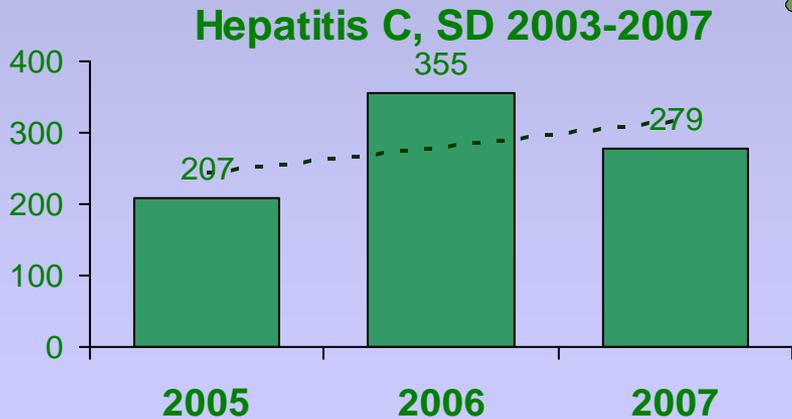
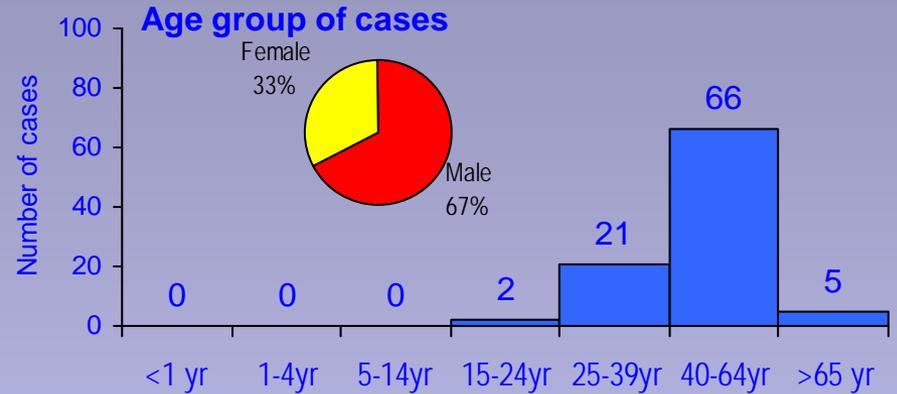
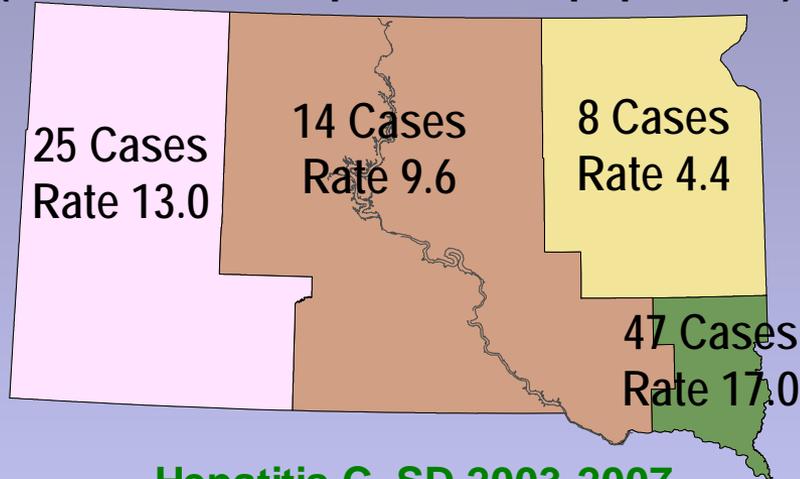


1 January – 30 April 2008

Provisional data

Hepatitis C (chronic), South Dakota

Hepatitis C
South Dakota 94 Cases
(Rate 11.8 cases per 100,000 population)



Hepatitis C fact sheet:

<http://doh.sd.gov/diseasefacts/HepatitisC.aspx>

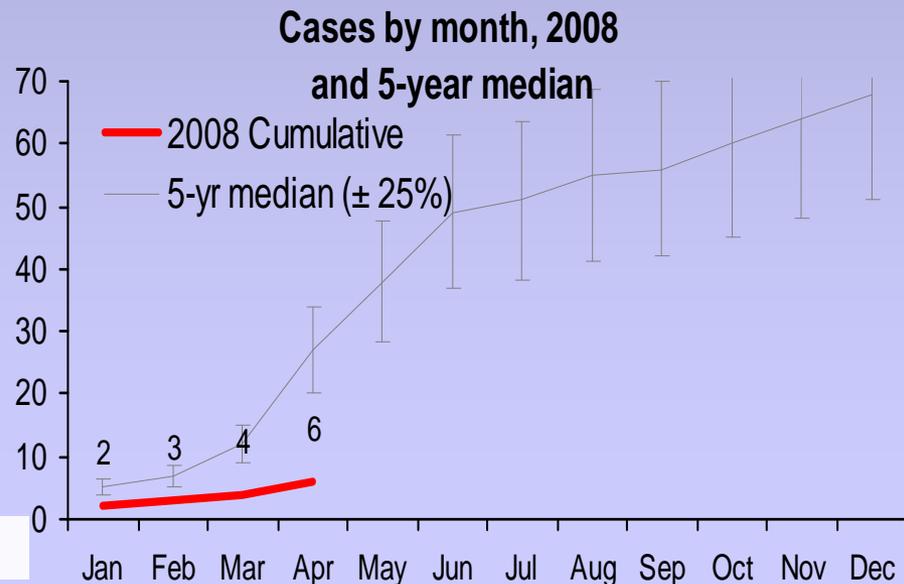
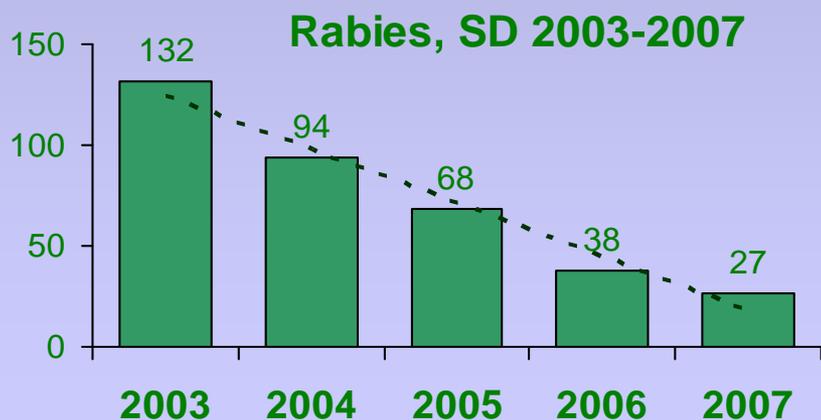
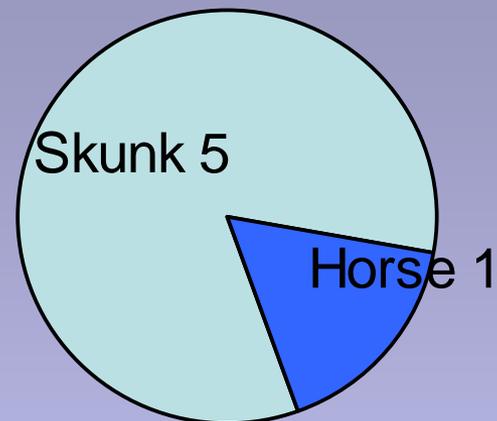
1 January – 30 April 2008

Provisional data

Rabies, South Dakota

County: rabid animals 6

Clark: horse 1
Grant: skunk 1
Gregory: skunk 2
Lake: skunk 1
McCook: skunk 1



Rabies fact sheet: www.state.sd.us/doh/Pubs/rabies.htm

1 January – 30 April 2008

Provisional data

Other diseases, South Dakota, Year-to-date 2008

Disease	Total cases YTD	5-yr median YTD	Central Region	Northeast Region	Southeast Region	West Region
Chicken pox	16	25	2	0	2	12
Cyclospora	1	0	--	--	--	--
Hepatitis B, chronic	6	--	0	1	4	1
Hepatitis E	1	0	--	--	--	--
Legionnaires' disease	1	1	0	0	0	1
Meningococcal, invasive	1	1	0	0	1	0
Pertussis	2	7	1	0	1	0
Strep A, invasive	10	8	4	1	3	2
Strep B, invasive	3	4	1	1	0	1
Strep pneumo, invasive, < 5 yrs of age	4	--	2	0	1	1
Tuberculosis	3	5	0	0	2	1

1 January – 30 April 2008

Provisional data

Reportable Diseases List:

<http://doh.sd.gov/Disease/Report.aspx>

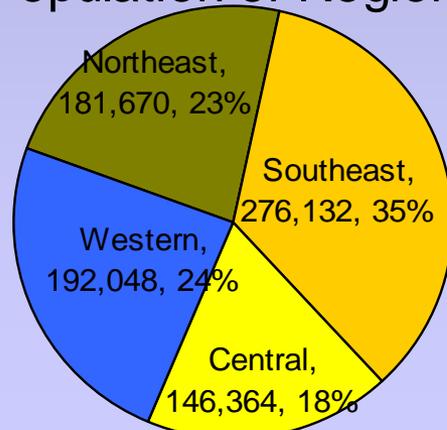


To report infectious diseases

- Secure website: www.state.sd.us/doh/diseasereport
- Telephone: **1-800-592-1804** confidential recorder; or **1-800-592-1861** or **605-773-3737** for a disease surveillance person during normal business hours; after hours to report Category I diseases or other emergencies, call **605-280-4810**.
- Fax: **605-773-5509**
- Mail or courier, address to: Infectious Disease Surveillance, Office of Disease Prevention, Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

Case definitions: www.cdc.gov/ncphi/diss/nndss/phs/infdis2008.htm

Population of Regions



South Dakota 2007 population est: 796,214

Monthly surveillance reports

<http://doh.sd.gov/ID/site.aspx>